



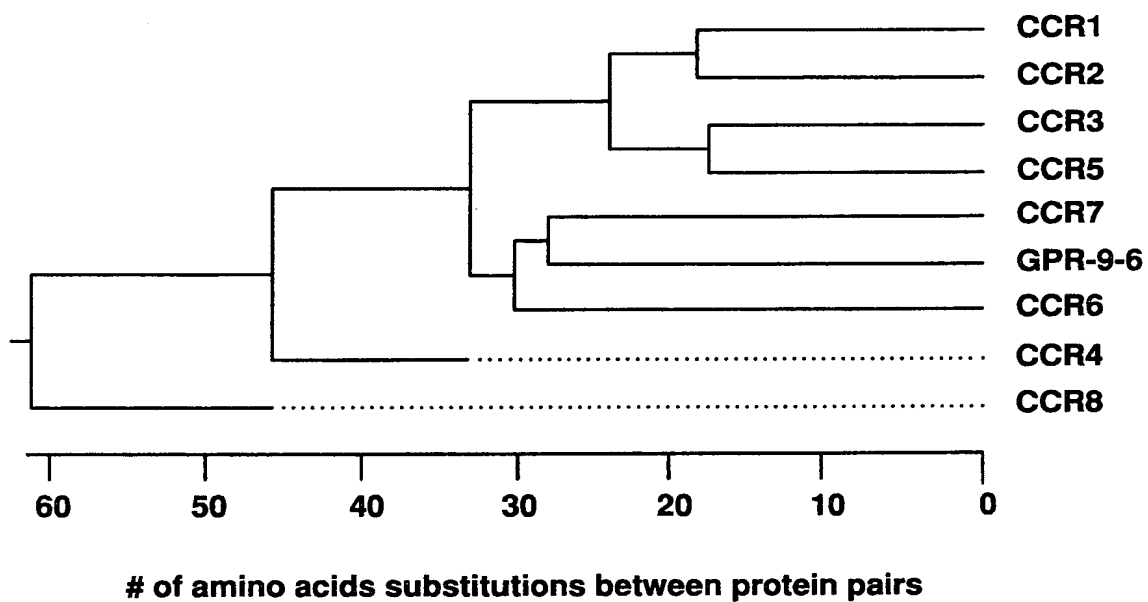
Application No.: 09/522,752

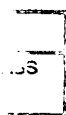
Title: Anti-GPR-9-6 Antibodies and Methods...

Inventors: David P. Andrew *et al.*

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FIG. 1



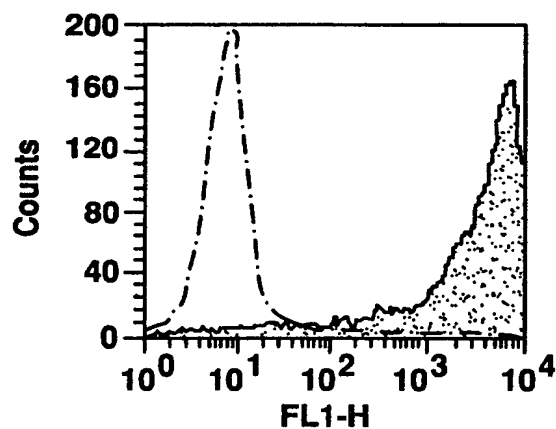


Application No.: 09/522,752

Title: Anti-GPR-9-6 Antibodies and Methods...

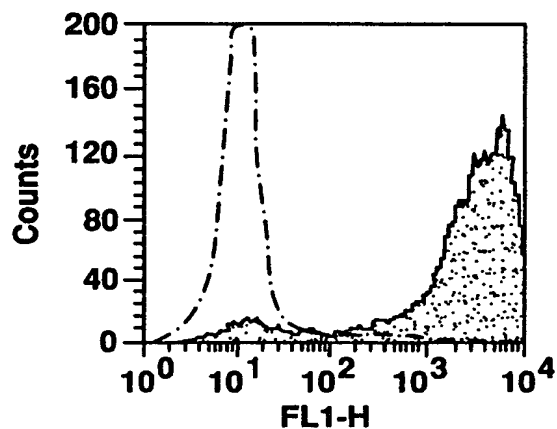
Inventors: David P. Andrew *et al.*

FIG. 2A



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FIG. 2B

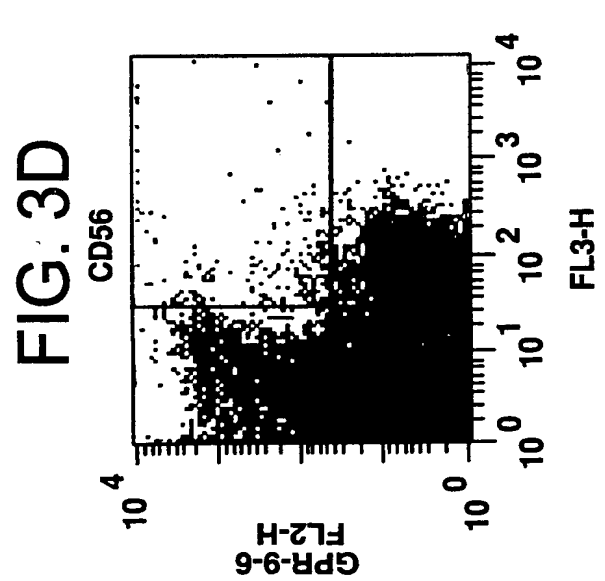
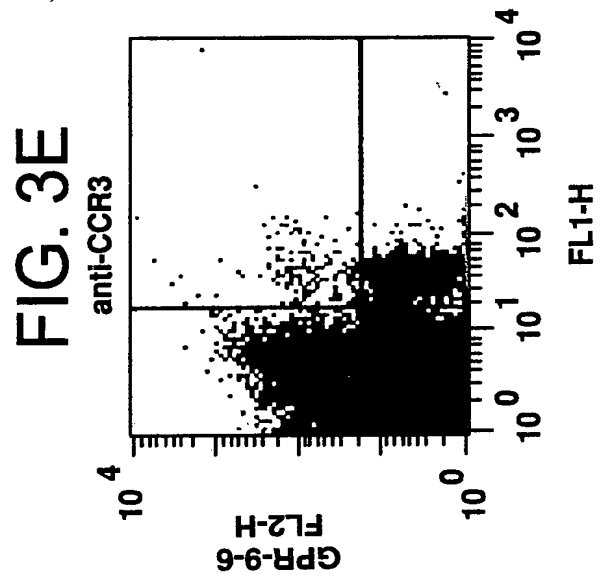
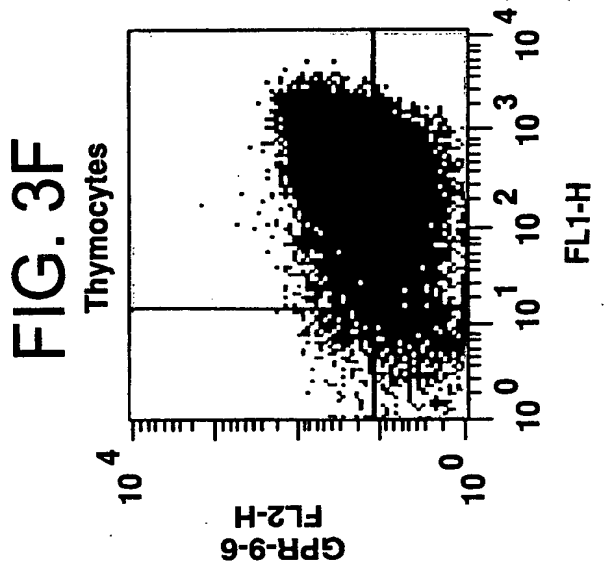
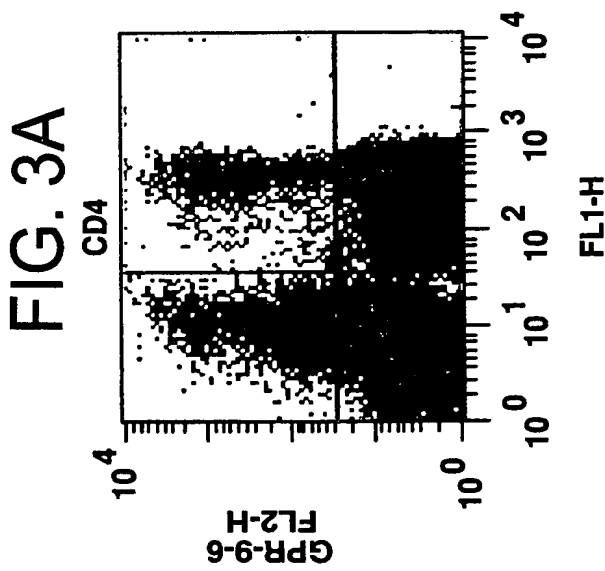
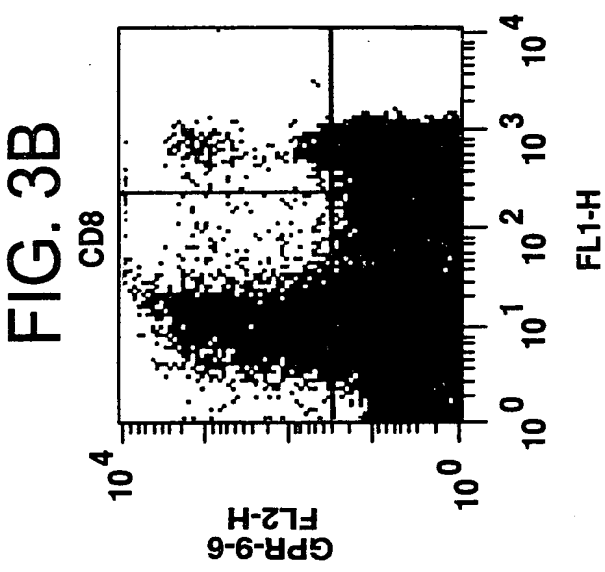
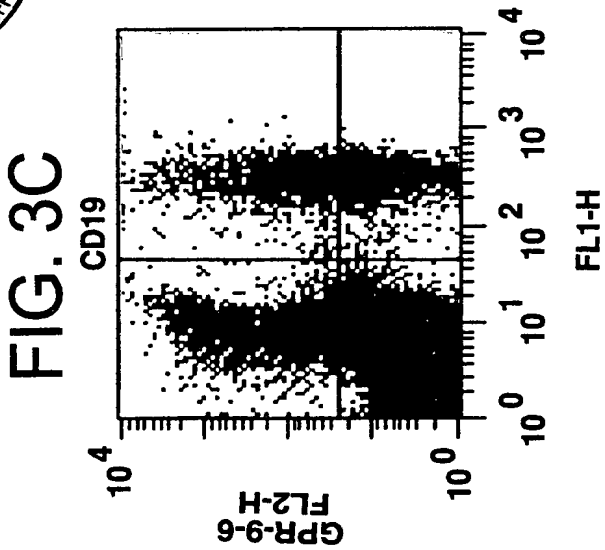


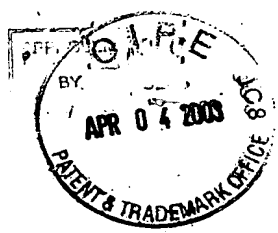


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FIG. 4A

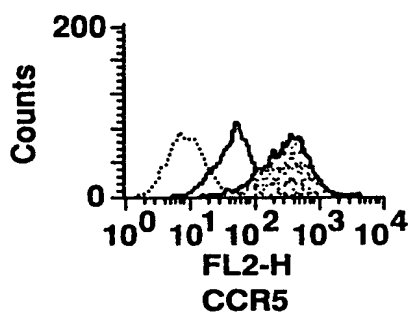


FIG. 4E

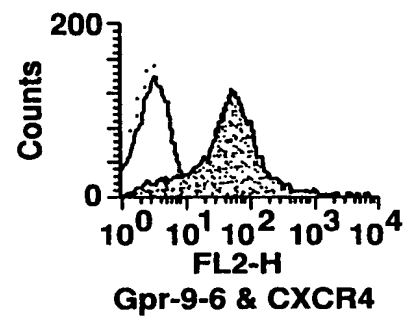


FIG. 4B

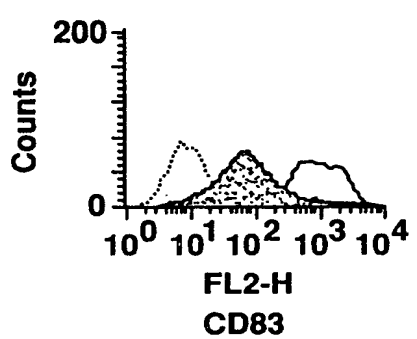


FIG. 4F

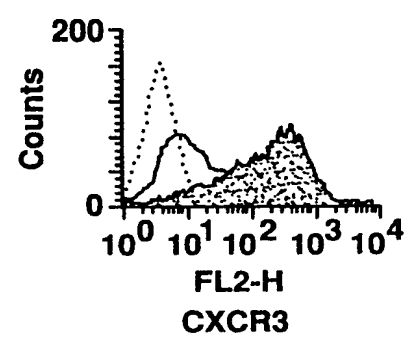


FIG. 4C

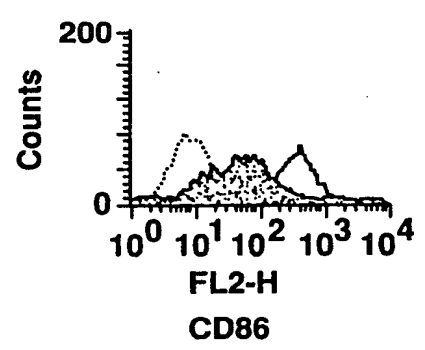


FIG. 4G

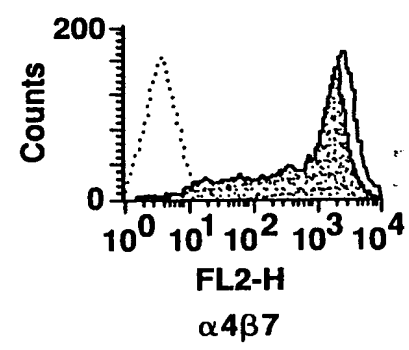


FIG. 4D

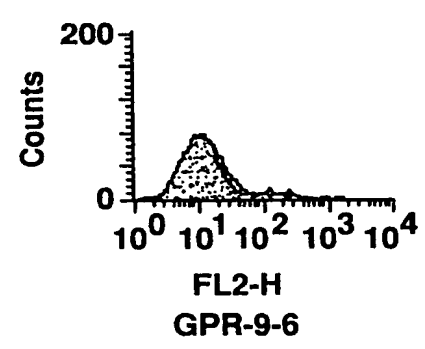
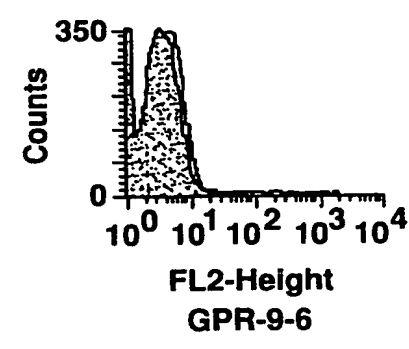


FIG. 4H





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Title: Anti-GPR-9-6 Antibodies and Methods
Inventors: David P. Andrew *et al.*

FIG. 3G

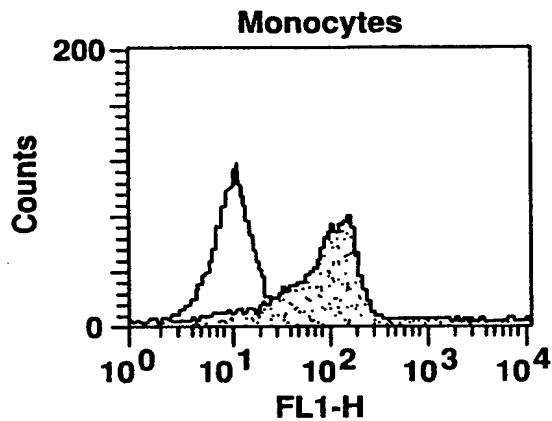


FIG. 3H

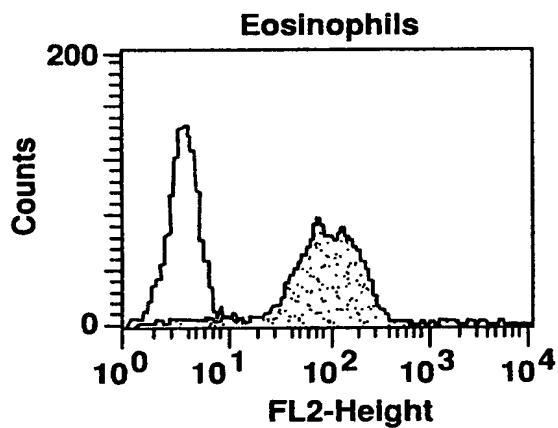
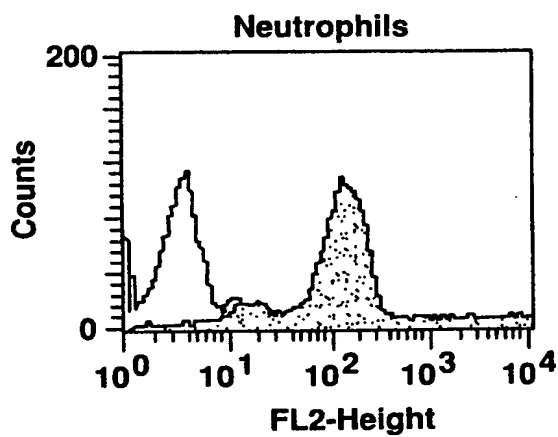


FIG. 3I



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FIG. 5A

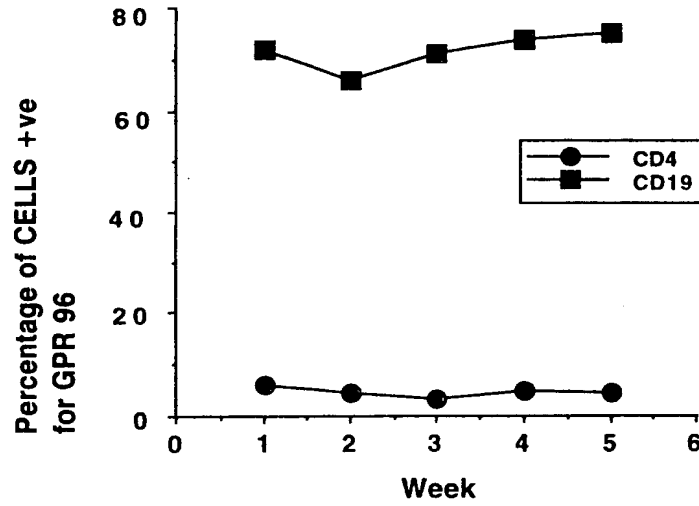


FIG. 5B

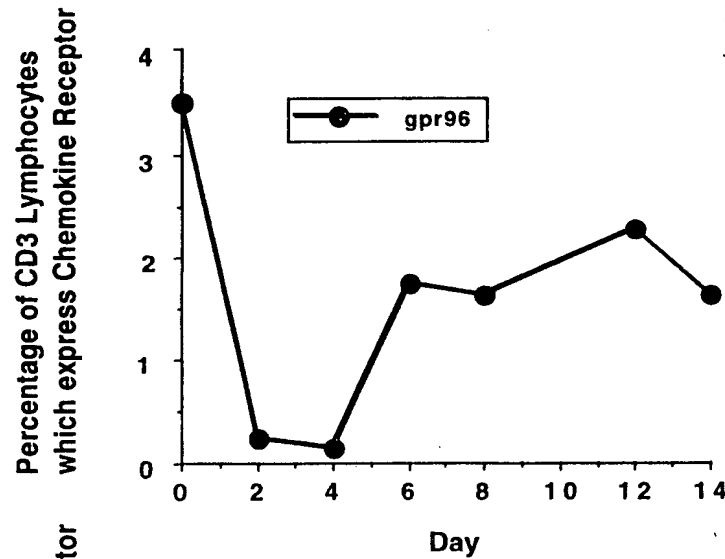
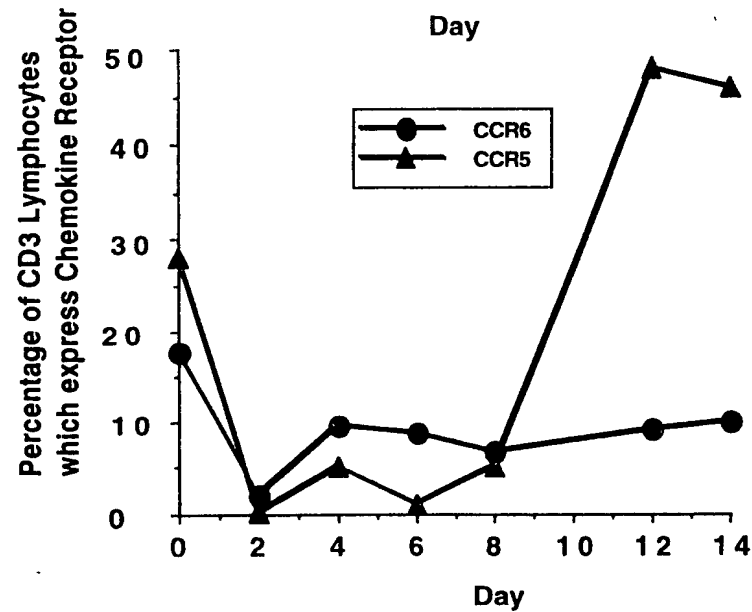


FIG. 5C



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FIG. 6A

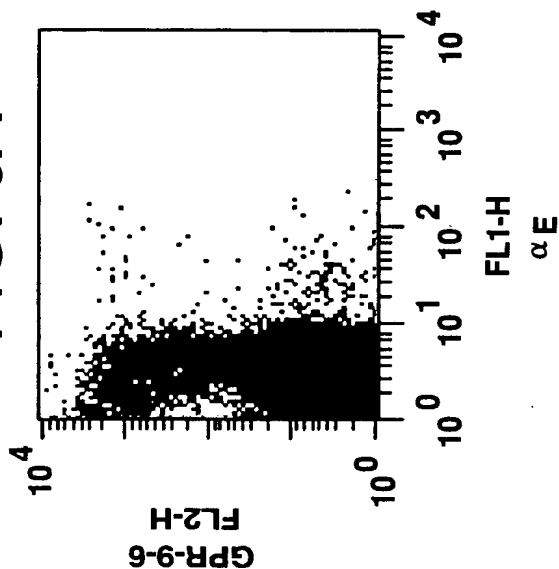


FIG. 6B

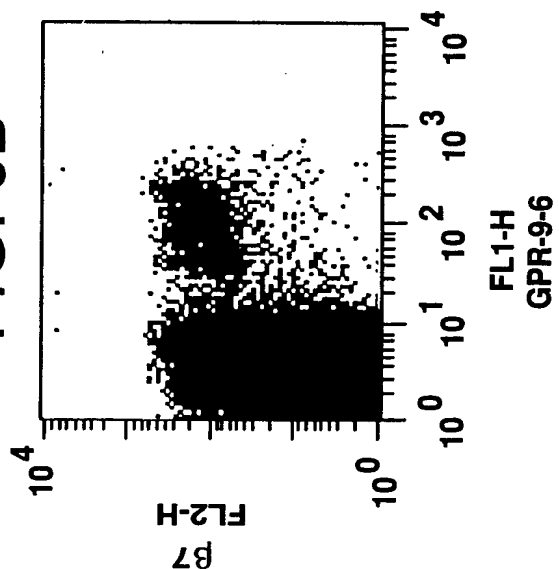


FIG. 6C

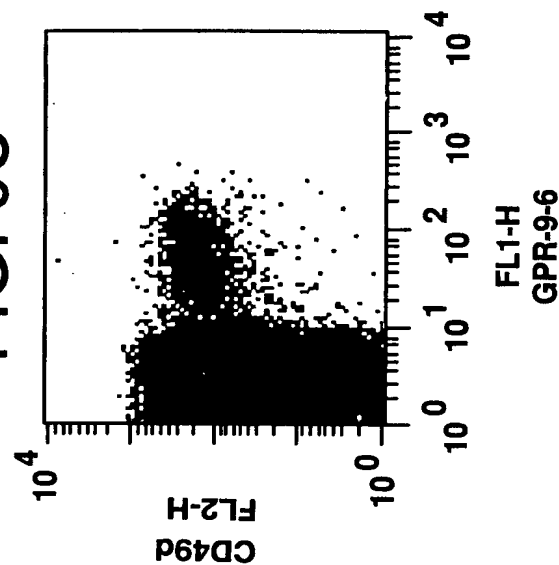


FIG. 6D

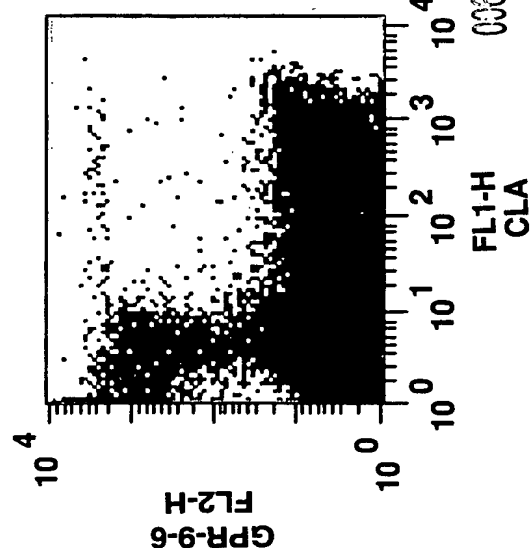


FIG. 6E

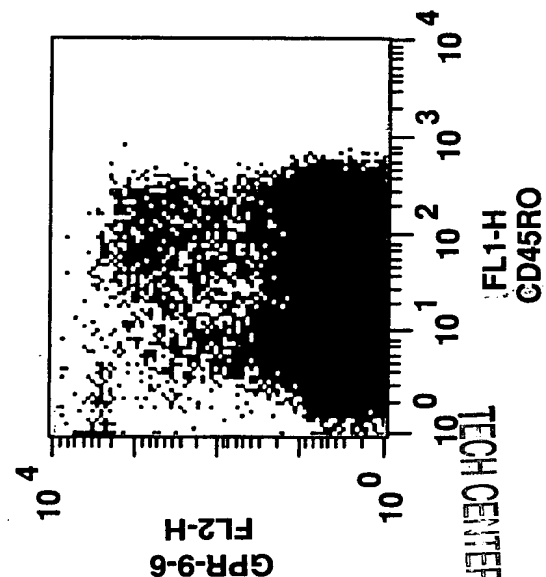
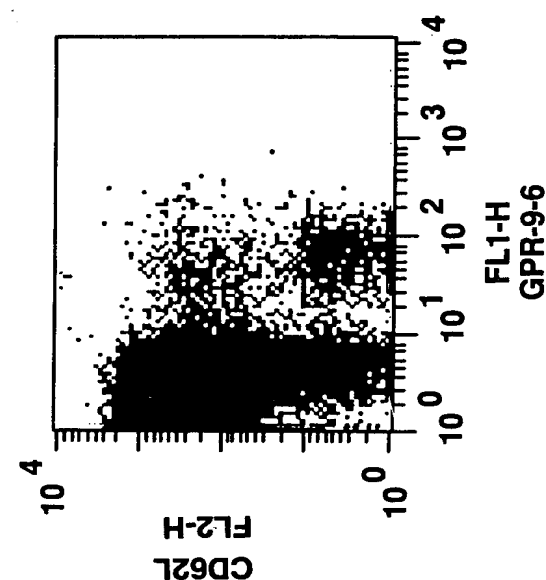


FIG. 6F



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FIG. 7A

3/03
94/3

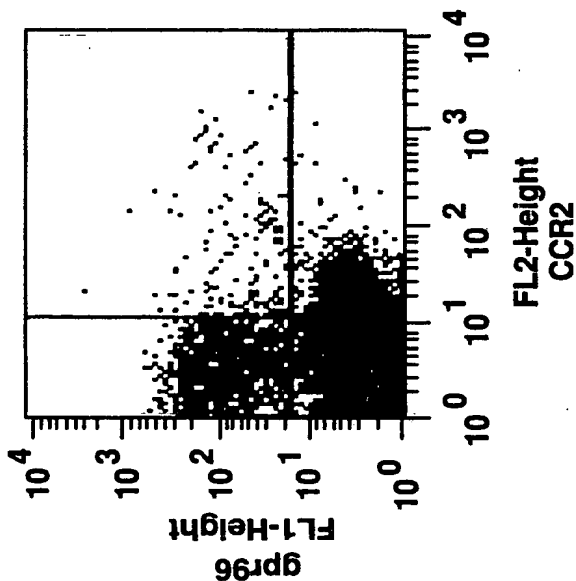


FIG. 7B

3/1
85/11

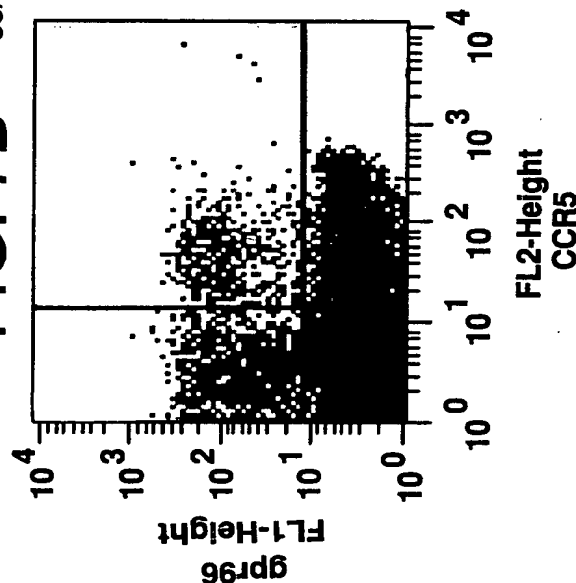


FIG. 7C

2/03
75/22 801

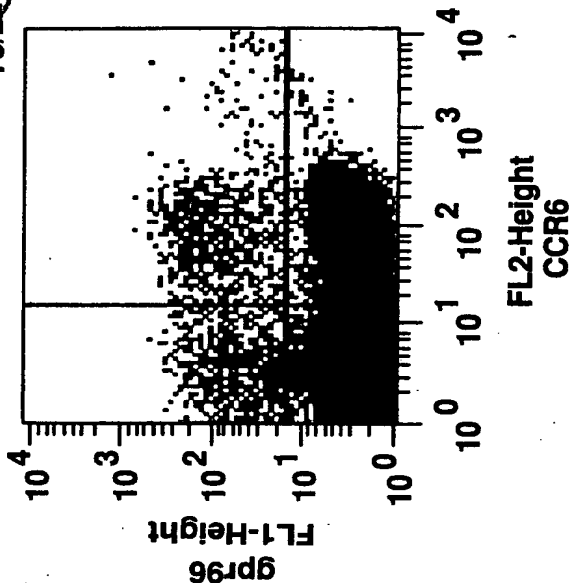


FIG. 7D

2/1
84/12

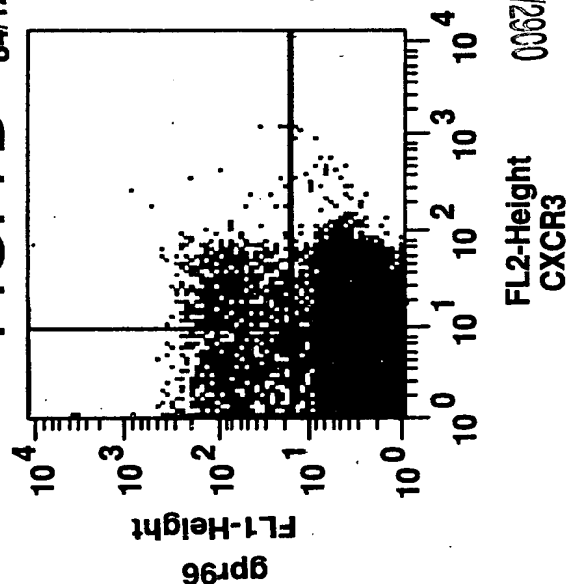


FIG. 7E

0.1/4
0.3/96

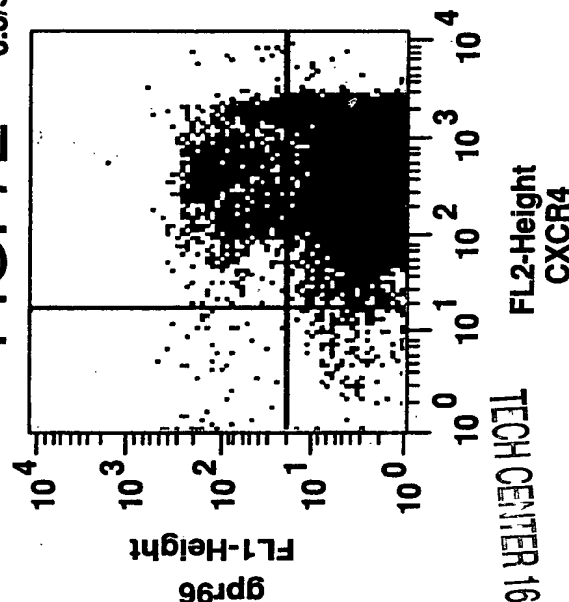
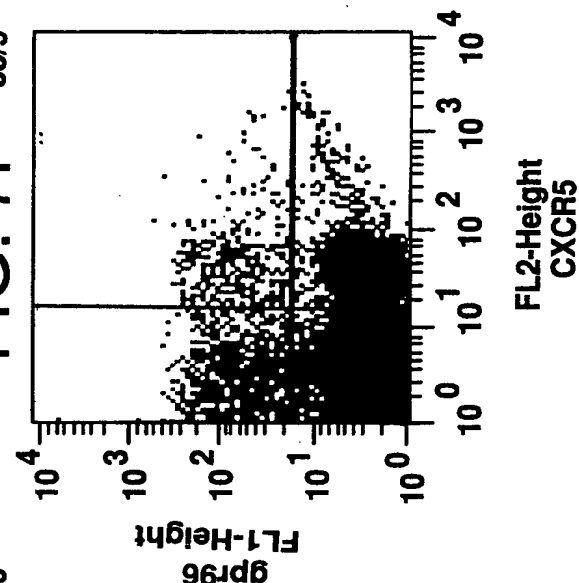


FIG. 7F

2.6/1
88/9



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FIG. 8A

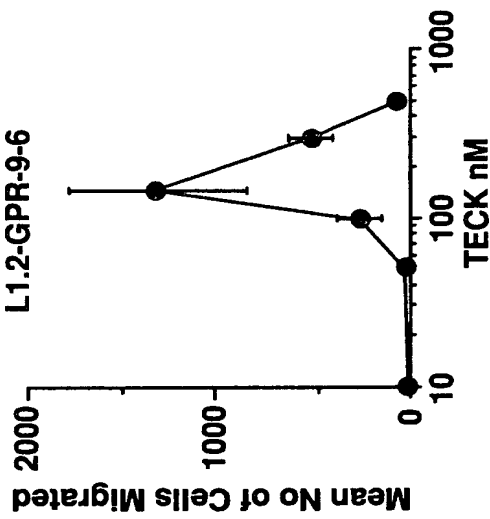


FIG. 8B

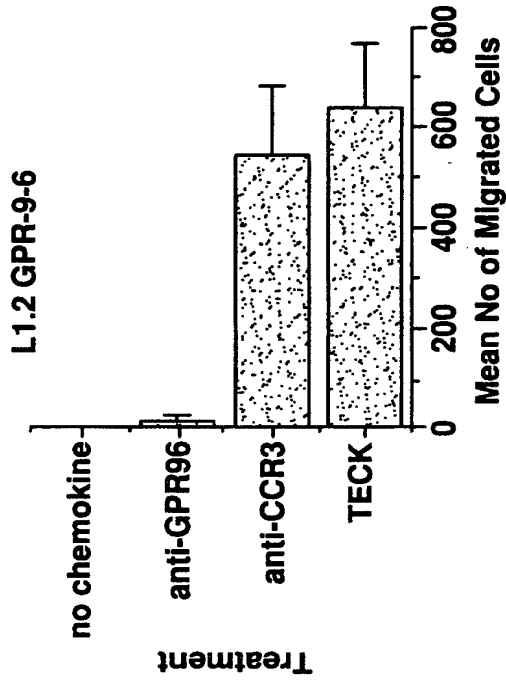


FIG. 8C

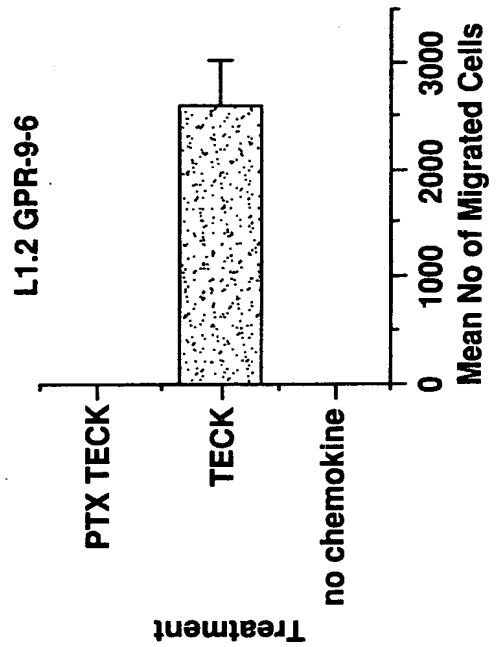
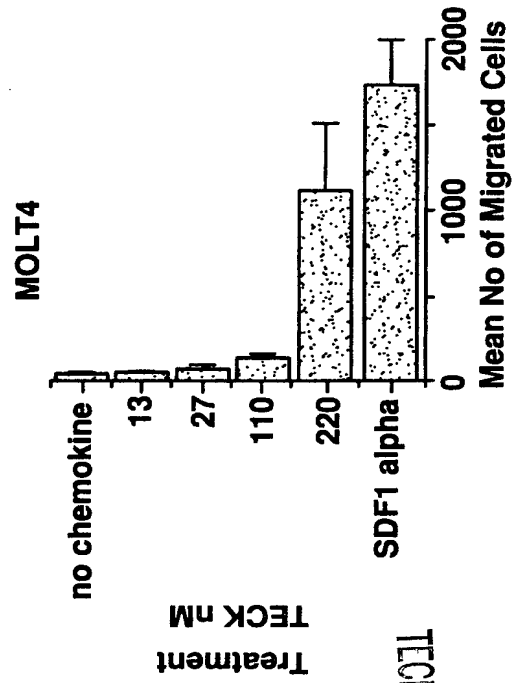


FIG. 8D



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Inventors: David P. Andrew *et al.*

FIG. 8F
MOLT13

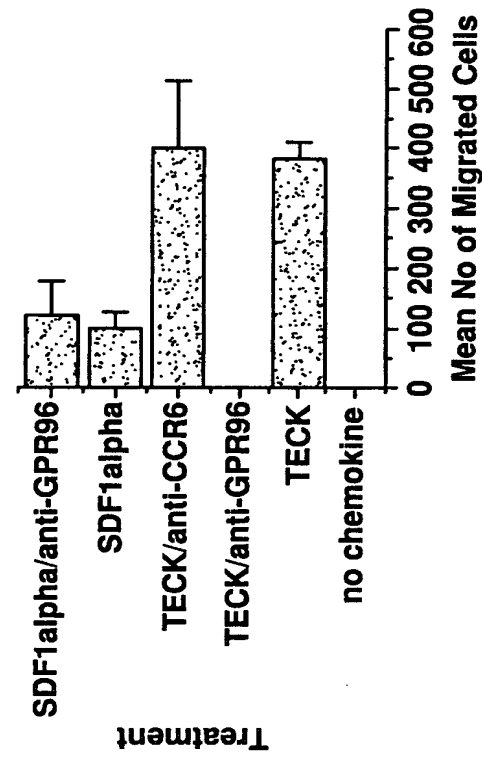
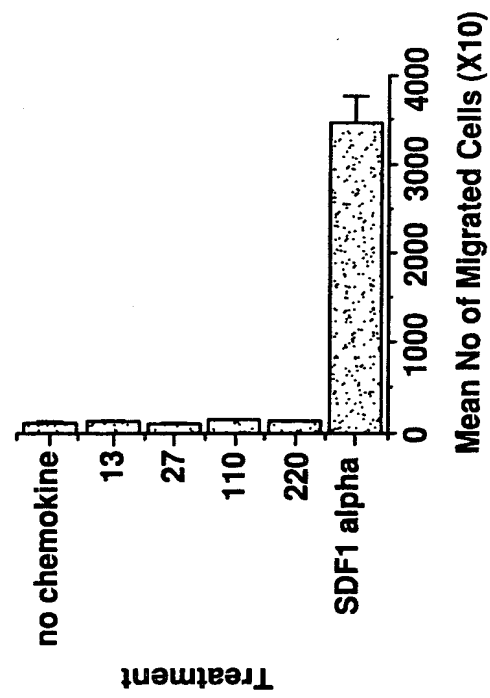


FIG. 8E
SKW3



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FIG. 9A

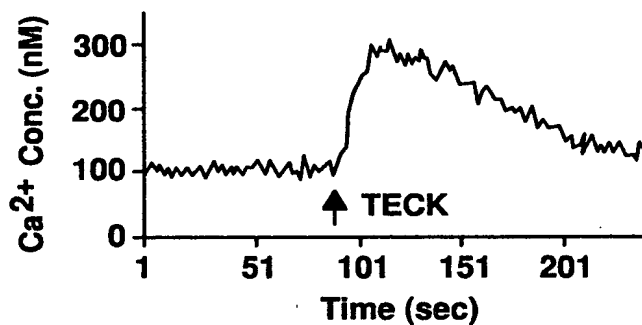


FIG. 9B

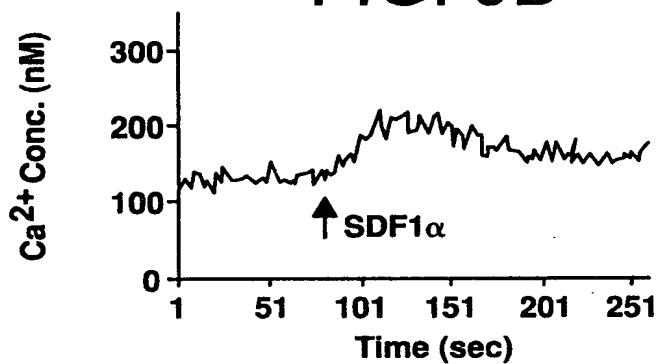
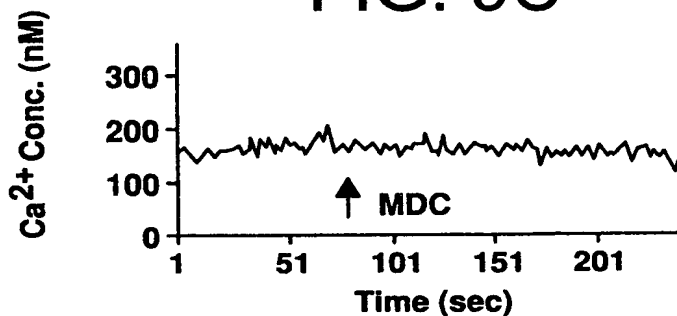


FIG. 9C



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FIG. 10B
CD8 Lymphocytes

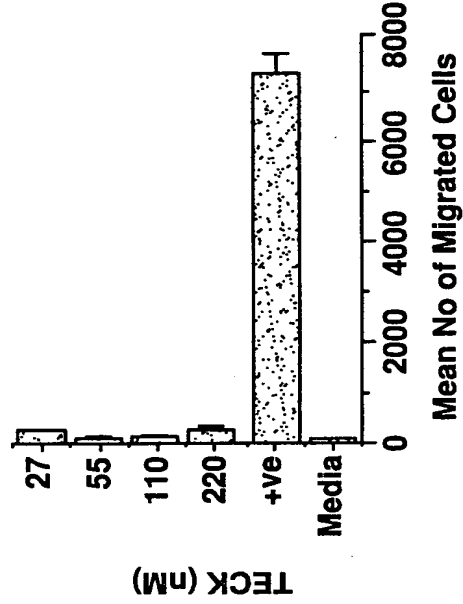
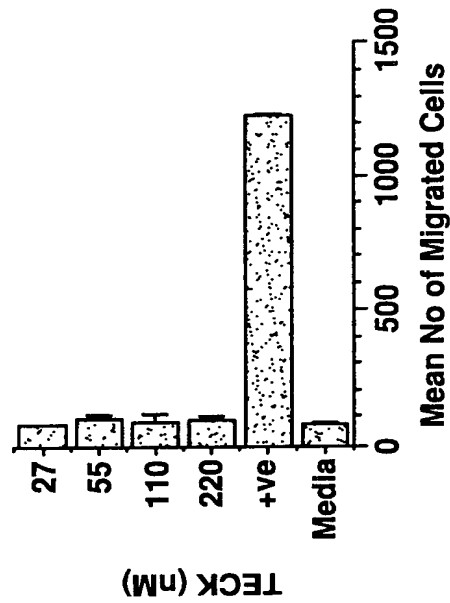


FIG. 10A
Monocytes



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FIG. 10C

Eosinophils

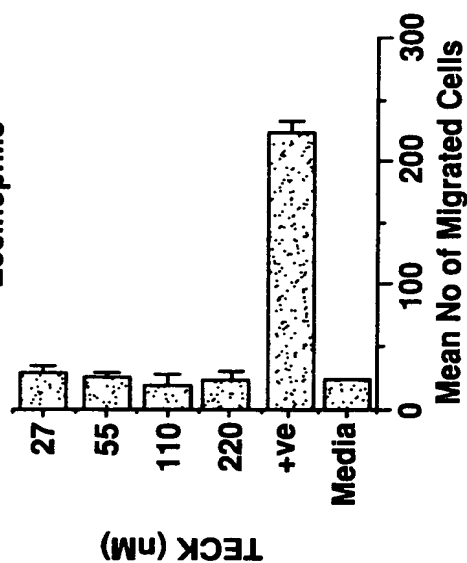


FIG. 10D

NK Cells

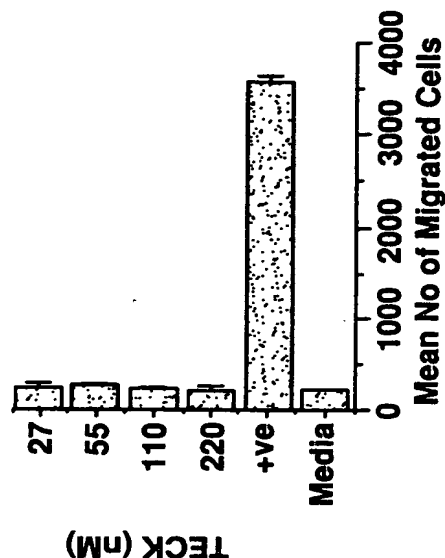


FIG. 10E

Neutrophils

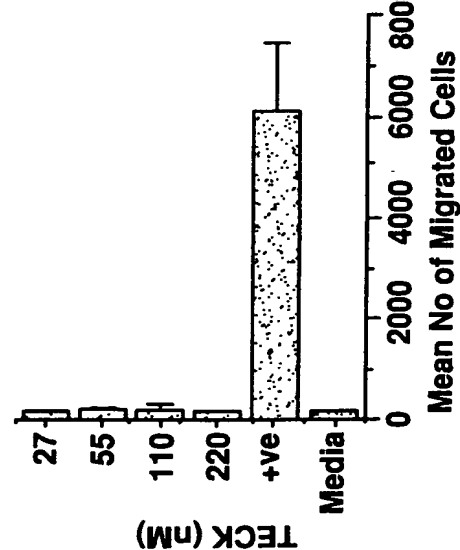
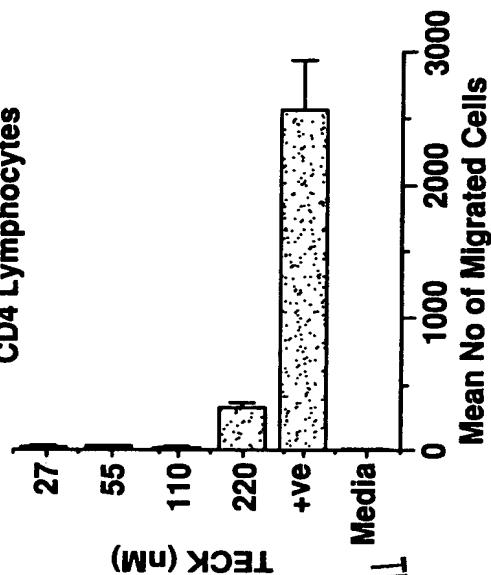


FIG. 10F

CD4 Lymphocytes



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FIG. 11A

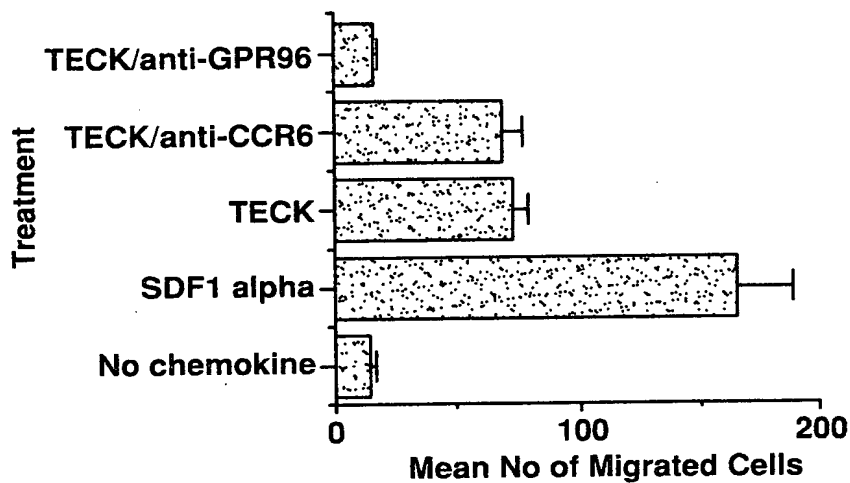


FIG. 11B

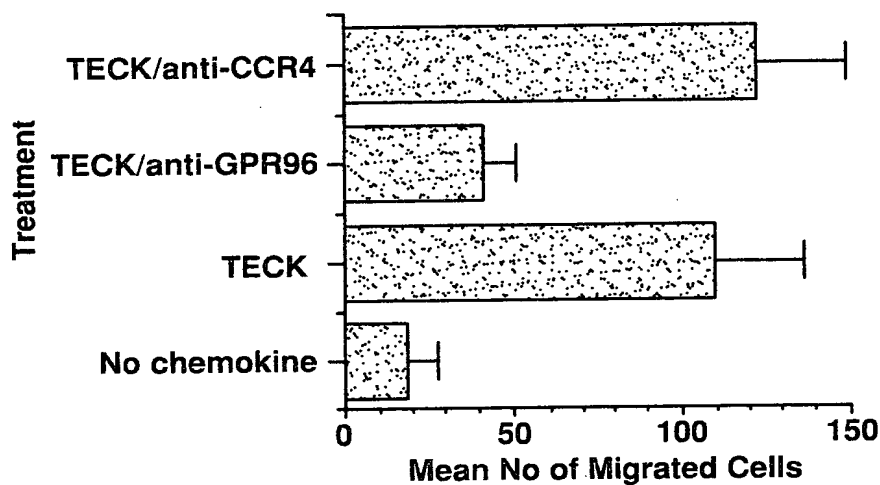
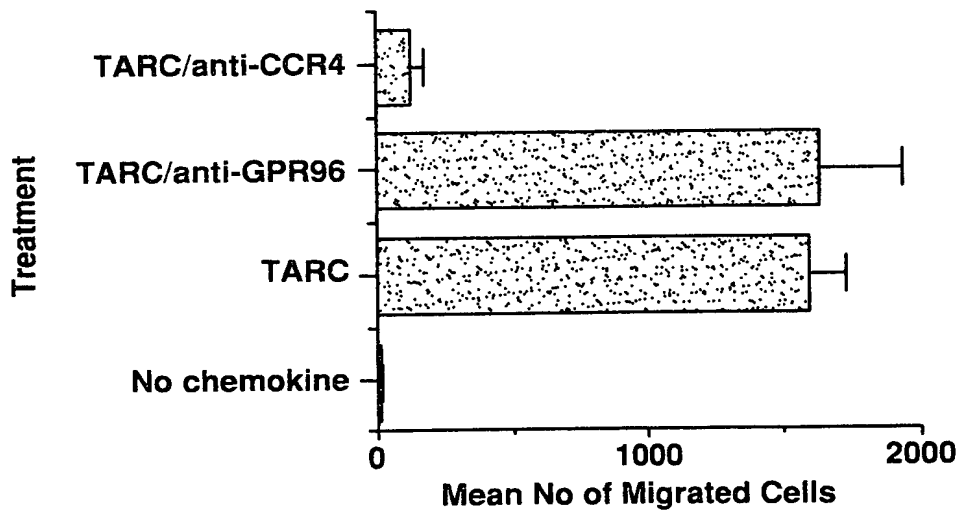


FIG. 11C



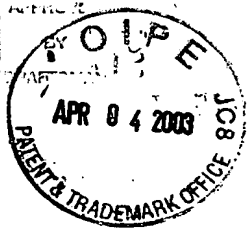
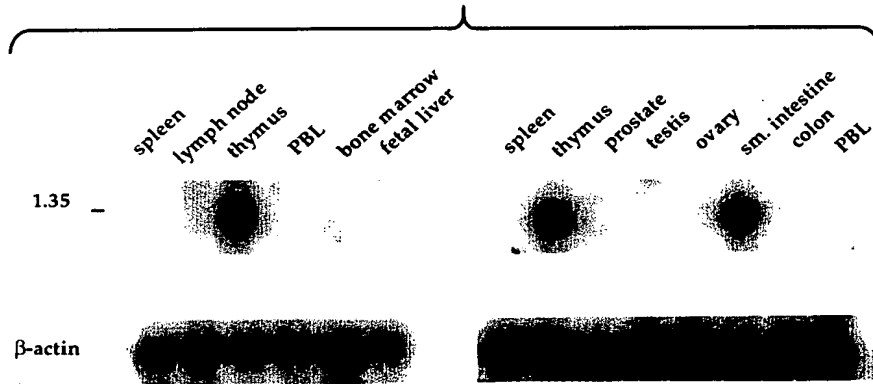


FIG. 12A



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FIG. 12B

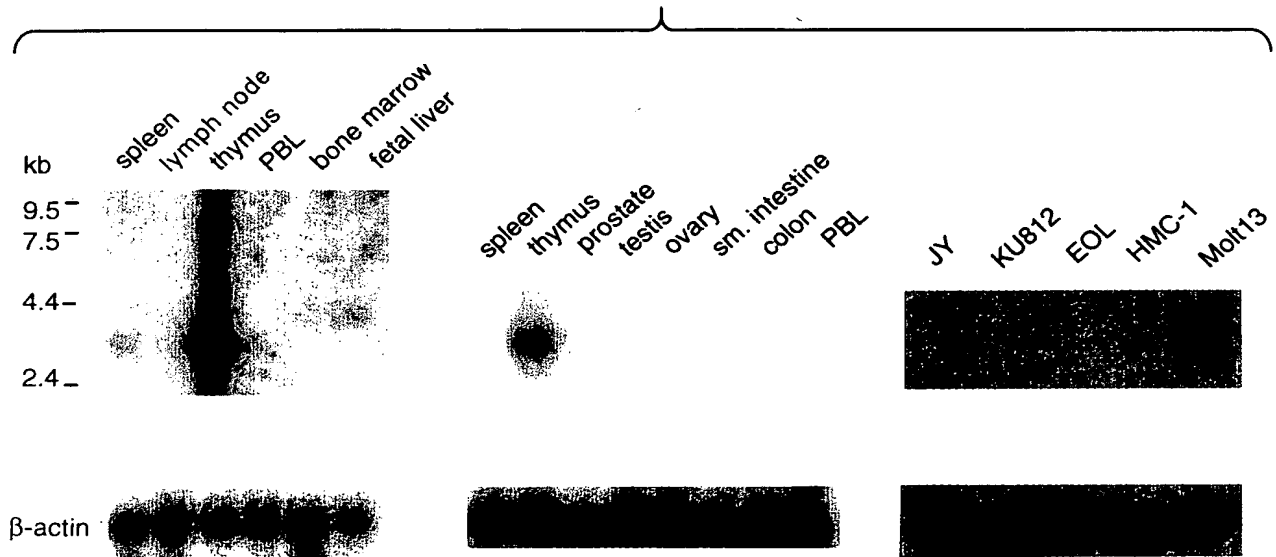


FIG. 12C

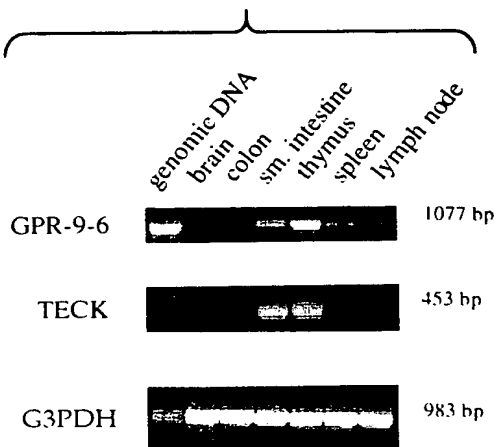
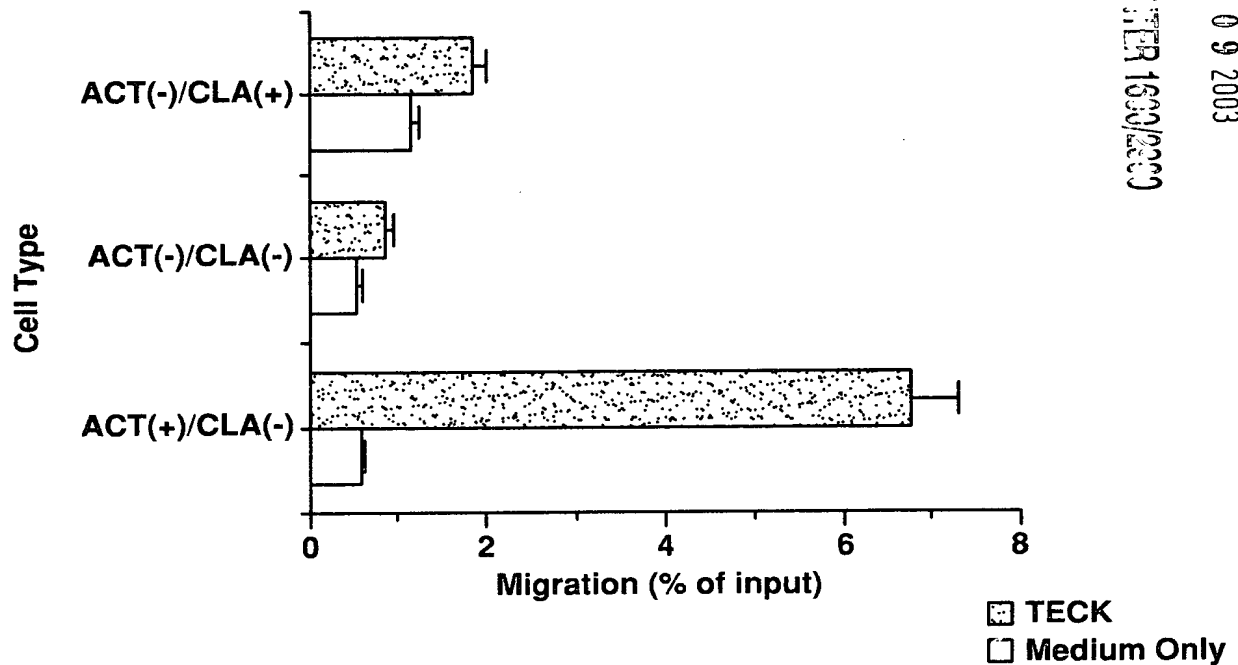




FIG. 13A

Memory CD4 T cells
CD4 (+) CD45RA (-)

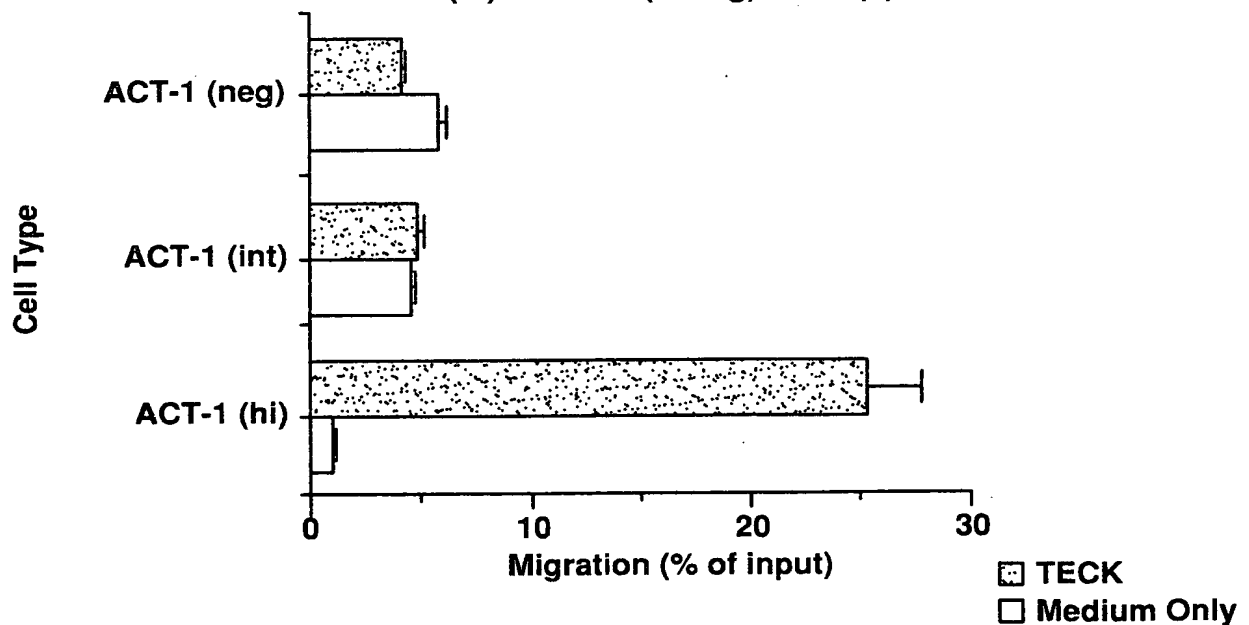


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FIG. 13B

Memory CD8 T cells
CD8 (hi) CD45RA (lo/neg) CD27 (+)





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FIG. 14A

1 aatatatttcc ttgacctaat gccatcttgt gtcccccttg agagccctat tcctaacatg
61 gctgatgact atggctctga atccacatct tccatggaag actacgttaa cttcaacttc
121 actgacttct actgtgagaa aaacaatgtc aggcagtttg cgagccatct cctcccaccc
181 ttgtactggc tcgtgttcat cgtgggtgcc ttgggcaaca gtcttgatat ccttgtctac
241 tggtaactga caagagtga gaccatgacc gacatgttcc ttttgaattt ggcaattgct
301 gacctcctct ttcttgtcac tcttcccttc tgggccattg ctgctgctga ccagtggaa
361 ttccagacct tcatgtgcaa ggtggtcaac agcatgtaca agatgaactt ctacagctgt
421 gtgttgctga tcatgtgcat cagcgtggac aggtacattg ccattgcccc ggccatgaga
481 gcacatactt ggaggagaa aaggcttttg tacagcaaaa tggtttgctt taccatctgg
541 gtattggcag ctgctctctg catcccagaa atcttataca gccaaatcaa ggaggaaatcc
601 gcaattgcta tctgcacctt ggtttacctt agcgatgaga gcaccaaact gaagtcagct
661 gtcttgaccc tgaaggctcat tctggggttc ttcttccct tcgtggtcat ggcttgctgc
721 tataccatca tcattcacac cctgatacaa gccaaagaat cttccaagca caaagcccta
781 aaagtgacca tcaactgtctt gaccgtcttt gtcttgtctc agtttcccta caactgcatt
841 ttgttggtgc agaccattga cgcctatgcc atgttcatct ccaactgtgc cgtttccacc
901 aacattgaca tctgcttcca ggtcacccag accatcgctt tcttccacag ttgcctgaac
961 cctgttctct atgtttttgt ggtgagaga ttccgcccgg atctcgtga aacctgaa
1021 aacttgggtt gcatacgcca gcccagtggt gtttcattta caaggagaga gggaagcttg
1081 aagctgtcgt ctatgttgtt ggagacaacc tcaggagcac tctccctctg aggggtcttc
1141 tctgaggtgc atggttcttt tggaaagaaat gagaaataca tgaacacagt tccccactga
1201 tgggaccaga gagagtgaag gagaaaagaa aactcagaaa gggatgaatc tgaactatat
1261 gattacttgt agtcagaatt tgccaaaagca aatatctcaa aatcaactga ctagtgcagg
1321 aggcgtgttg ttggctcttg actgtgatgc ccgcaattct caaaggagga ctaaggaccg
1381 gcaactgtga gcacctggc tttgccactc gccggagcat caatgccgct gcctctggag
1441 gagcccttgg attttctcca tgcactgtga acttctgttg cttcagttct catgctgcct
1501 cttccaaaag gggacacaga agcactggct gctgctacag accgcaaaag cagaaaagttt
1561 cgtgaaaatg tccatctttg gaaaattttc taccctgctc ttgagcctga taaccatgc
1621 caggctctat agattcctga tctagaacct ttccaggcaa tctcagacct aatttccttc
1681 gtctctcctt gttctgttct gggccagtga aggtccttgt tctgattttg aaacgatctg
1741 caggtcttgc cagtgaaccc ctggacaact gaccacacc acaaggcatc caaagtctgt
1801 tggcttccaa tccatttctg tgtcctgctg gaggttttaa ctagacaag gattccgctt



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FIG. 14B

1861 attccttgggt atggtgacag tgtctctcca tggcctgagc agggagatta taacagctgg
1921 gttcgaggga gccagccttg gccctgttgt agccttggtc tgttgagtggt cacttgcttt
1981 ggggtccaccg tctgtctgct ccctagaaaa tgggctgggt cttttggccc tcttctttct
2041 gaggcccaact ttattctgag gaatacagtg agcagatatg ggcagcagcc aggtaggcca
2101 aagggtgaa ggcagggcct tgctggagg ctatttactt ccatgcttct ccttttctta
2161 ctctatagt gcaacatttt aaaagctttt aacttagaga ttaggctgaa aaaaataaagt
2221 aatggaattc accttgcat cttttgtgtc ttctttatca tgatttgga aaatgcatca
2281 cctttgaaaa tatttcacat attggaaaa tgctttttaa tgtgtatatg aagcattaat
2341 tacttgtcac ttcttttacc ctgtctcaat attttaagt tgtgcaatta aagatcaaat
2401 agatacatta agagtgtgaa ggctgggtctg aaggtagtga gctatctcaa tcggattggt
2461 cacactcagt tacagattga actccttggt ctacttccct gcttctctct actgcaattg
2521 actagtcttt aaaaaaaagt gtgaagagta agcaataggg ataaggaaat aagatct

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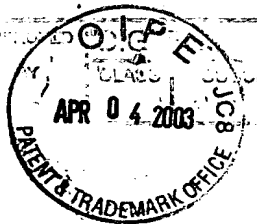
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Inventors: David P. Andrew *et al.*



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FIG. 15

MADDYGSESTSSMEDYVNFNFTDFYCEKNNVRQFASHFLPPLYW
LVFIVGALGNSLVILVYWYCTRVKTM TDMFLLNLAIADLLFLVTL PFWAIAAADQWKF
QTFMCKVVNSMYKMNFYSCVLLIMCISVDRIYIAIAQAMRAHTWREKRLLYSKMVCFTI
WVLAAALCIPEILYSQIKEESGIAICTMVYPSDESTKLKSAVLT LKVI LGFFLPFVVM
ACCYTIIHTLIQAKSSKHKALKVTITVLT V FVLSQFPYNCILLVQTIDAYAMFISN
CAVSTNIDICFQVTQTIAFFHSCLNPVLYV FVGERFRDLVKTLKNLGCISQAQWVSF
TRREGSLKLSSMLLETTSGALSL



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FIG. 16A

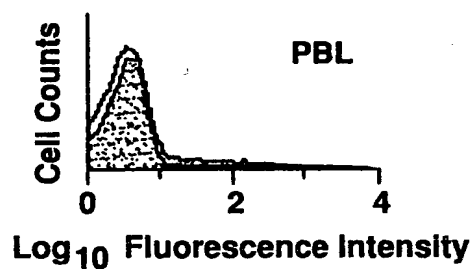


FIG. 16B

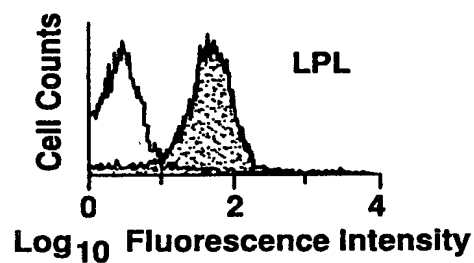
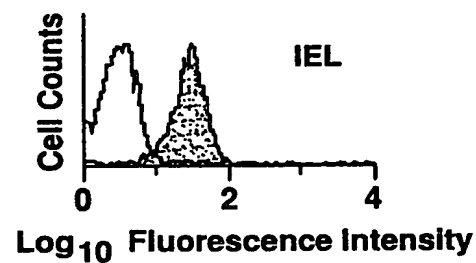


FIG. 16C





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FIG. 17B

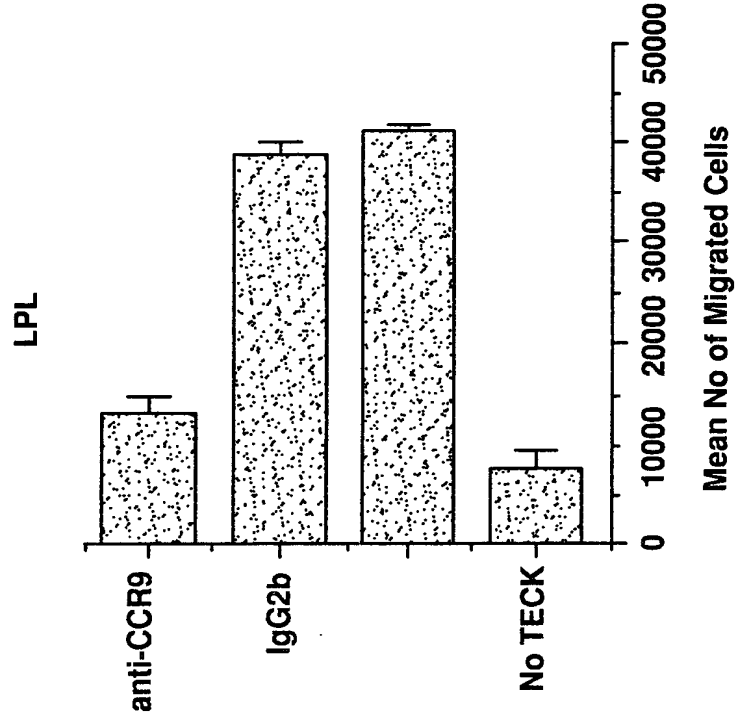
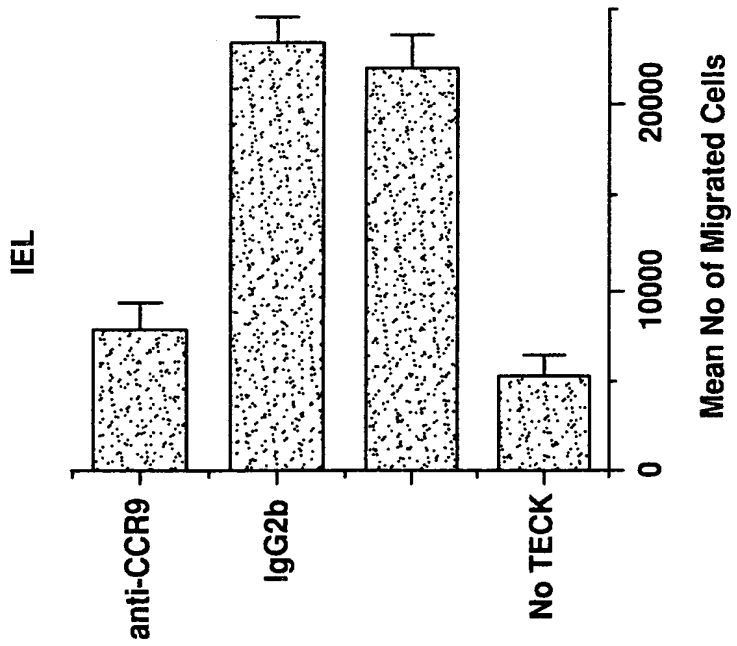


FIG. 17A



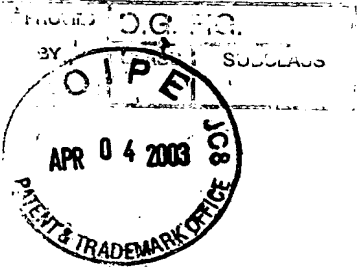
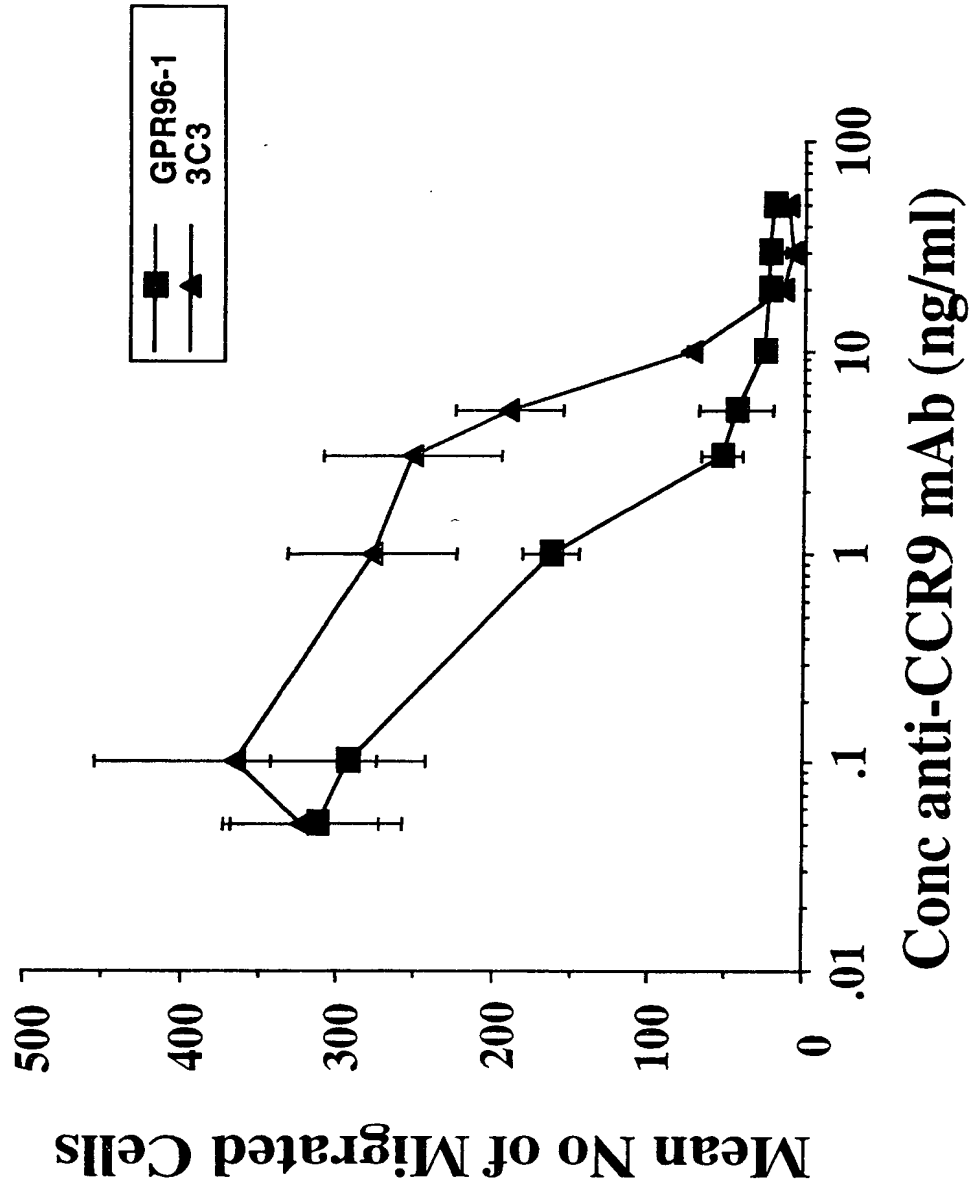


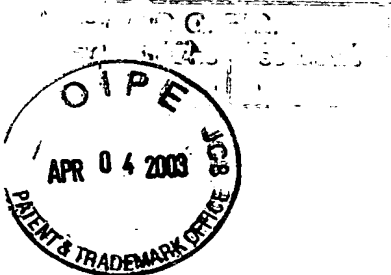
FIG. 18



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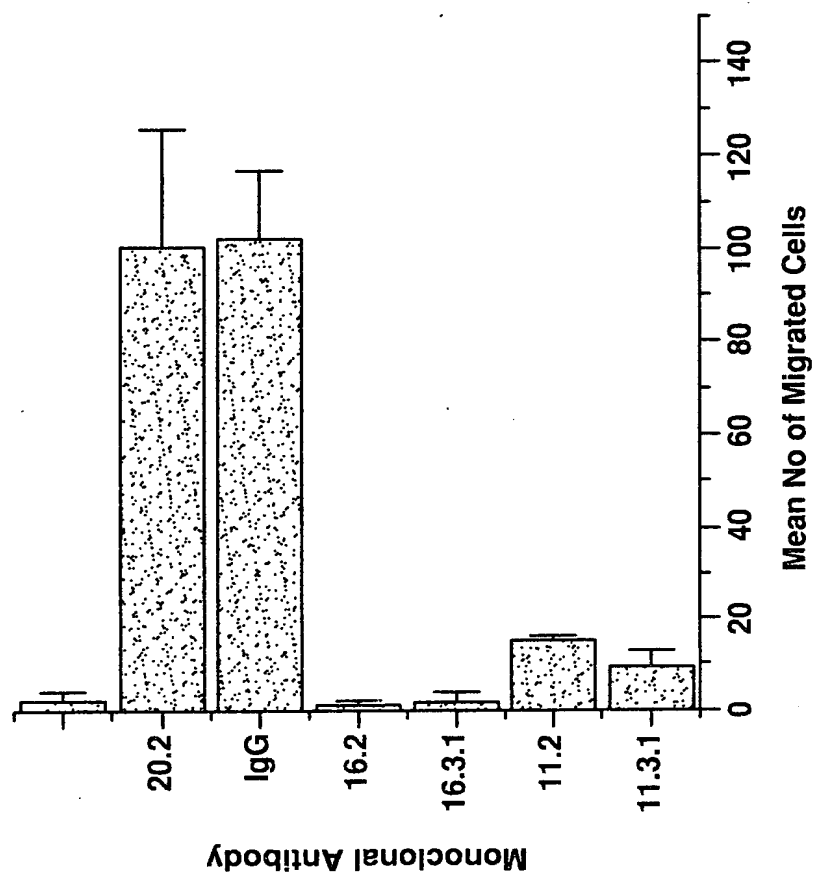


Application No.: 09/522,752
Title: Anti-GPR-9-6 Antibodies and Methods...
Inventors: David P. Andrew *et al.*

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FIG. 19





Application No.: 09/522,752

Title: Anti-GPR-9-6 Antibodies and Methods...

Inventors: David P. Andrew *et al.*

FIG. 20

1 atgaacctgt ggctcctggc ctgcctggtg gccggcttcc tgggagcctg ggcccccgct
61 gtccacaccc aagggtgtctt tgaggactgc tgcttggcct accactaccc cattgggtgg
121 gctgtgtctcc ggcgcgcctg gacttaccgg atccaggagg tgagcgggag ctgcaatctg
181 cctgtgtcga tattctacct ccccaagaga cacaggaagg tgtgtgggaa ccccaaaagc
241 agggagggtgc agagagccat gaagctcctg gatgctcgaa ataagggttt tgcaaaagctc
301 caccacaaca ygcagacctt ccaagcaggc cctcatgctg taaagaagtt gagttcttggg
361 aactccaagt tatcatcatc caagtttagc aatcccatca gcagcagcaa gaggaatgtc
421 tccctcctga tatcagctaa ttcaggactg tgagccggct catcttctgg ctccatcggc
481 acaggagggg cgggatcttt ctccgataaa accgtcgccc tacagaccca gctgtcccca
541 cgctctgtgc ttttgggtca agtcttaatc cctgcacctg agttggctct cctctctgcac
601 cccaccacc tctgccccgt ctggcaactg gaaagaagga gttggcctga ttttaacctt
661 ttgccgctcc ggggaaacagc acaatcctgg gcagccagt gctctttag agaaaaactta
721 ggataacctct ctcaatttct gtttcttgcc gtccaccccc gcccatgcca gtgtgtcctc
781 tgggtcccc ccaaaaaatct ggtcattcaa ggatccccct ccaaggctat gcttttctat
841 aactttttaa taaaccttgg ggggtgaatg gaataaaa

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Application No.: 09/522,752

Title: Anti-GPR-9-6 Antibodies and Methods...

Inventors: David P. Andrew *et al.*



FIG. 21

1 mnlwllaclv agflgawapa vhtqgvfedc clayhypigw avlrrawtyr iqvsgscnl
61 paaifylpkr hrkvcgnpks revqramkll darnkvfakl hhnXqtfqag phavkkklssg
121 nsklssskfs npissskrnv sllisansgl

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Application No.: 09/522,752

Title: Anti-GPR-9-6 Antibodies and Methods...

Inventors: David P. Andrew *et al.*

FIG. 22

```
1  atgaacctgt ggctcctggc ctgcctggtg gccggcttcc tgggagcctg ggcccccgct
61  gtccacaccc aaggtgtctt tgaggactgc tgcctggcct accactaccc cattgggtgg
121 gctgtgctcc ggcgcgcctg gacttaccgg atccaggagg tgagcgggag ctgcaatctg
181 cctgctgcga tattctacct cccaagaga cacaggaaagg tgtgtgggaa ccccaaaagc
241 agggagggtgc agagagccat gaagctcctg gatgctgaa ataaggtttt tgcaaaagctc
301 caccacaaca ygcagacctt ccaaggccct catgctgtaa agaagttgag ttctggaaac
361 tccaagttat catcatccaa gtttagcaat cccatcagca gcagcaagag gaatgtctcc
421 ctccctgatat cagctaattc aggactgtga gccggctcat ttctgggctc catcggcaca
481 ggagggggccg gatctttctc cgataaaacc gtgcgccctac agaccacagct gtccccacgc
541 ctctgtcttt tgggtcaagt cttaatccct gcacctgagt tggtcctccc tctgcacccc
601 caccacctcc tgcccgtctg gcaactggaa agaaggagtt ggccctgattt taaccttttg
661 ccgctccggg gaacagcaca atcctgggca gccagtggct cttgtagaga aaacttagga
721 tacctctctc actttctgtt tcttgccgtc caccgccggc catgccagtg tgtcctctgg
781 gtcccctcca aaaatctggt cattcaagga tcccctccca aggctatgct tttctataac
841 ttttaataaa accttggggg gtgaatggaa taataa
```

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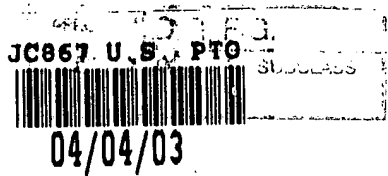


Application No.: 09/522,752
Title: Anti-GPR-9-6 Antibodies and Methods...
Inventors: David P. Andrew *et al.*

FIG. 23

1 mnlwllacly agflgawapa vhtqgvfedc clayhypigw avlrrawtyr iqvsvsgcnl
61 paaifylpkr hrkvcgnpks revqramkll darnkvfakl hhnXqtfggp havkklssgn
121 sklssskfsn pissskrnvs llisansgl

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FIG. 24A

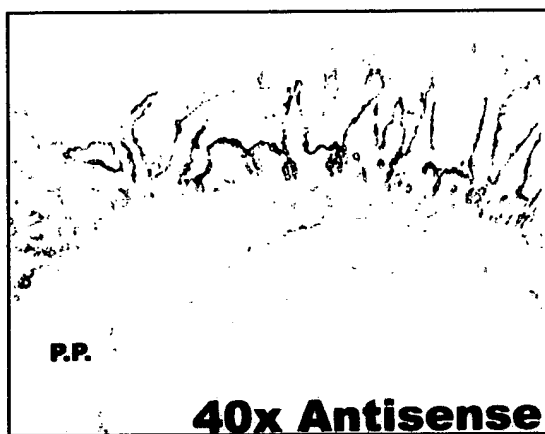


FIG. 24C

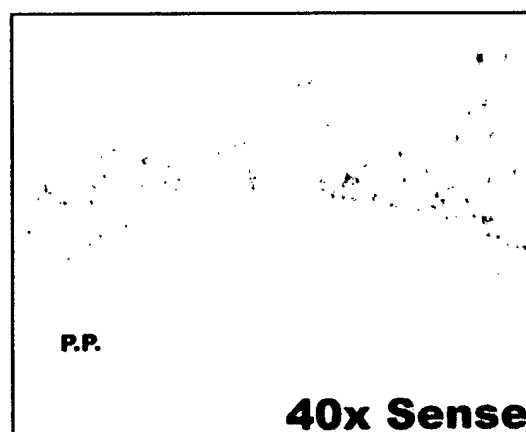


FIG. 24B

